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Safety Precautions and Warnings

To prevent personal injury or damage to vehicles and/or the tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

- Always perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc, away from all moving or hot engine parts.
- Operate the vehicle in a well-ventilated work area; Exhaust gases are poisonous.
- Put blocks on drive wheels and never leave vehicle unattended while running tests.
- Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Put transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
- Keep a fire extinguisher suitable for gasoline/chemical/ electrical fires nearby.
- Don’t connect or disconnect any test equipment with ignition on or engine running.
- Keep the tool dry, clean and free from oil, water and grease. Use a mild detergent on a clean cloth to clean the outside of the tool, when necessary.
- Do not soak the keypad as the keypad is not waterproof.

Product Information

1. Vehicle Coverage

The PS-150 is specially designed to reset oil service light, oil inspection light, service mileage, service intervals and airbag on most major Asian, American and European vehicles.

Compatible vehicles are as follows:

Acura, Audi, BMW, Buick, Cadillac, Chevrolet, Chevrolet/GMC, Chrysler, Ford/Mercury/Lincoln, Honda, Isuzu, Jeep, Land Rover, Mercedes, Nissan/Infiniti, Oldsmobile, Pontiac, Saab, Saturn, Scion, Seat, Skoda, Toyota/Lexus, Volvo, VW.

2. Tool Description

The appearance of a PS150 is as shown in the above figure.

1. **LCD screen:** 160*160
2. **Enter key:** confirm a selection of a menu list and operate it
3. **Esc key:** retune to the previous screen
4. **Up/down arrow:** move the curse up or down
5. **Left/right arrow:** turn page

3. Specifications

1. **Display:** Backlit, 160 x160 pixel display with contrast adjustment
2. **Operating Temperature:** 0 to 50°C (32 to 122 F°)
3. **Storage Temperature:** -20 to 70°C (-4 to 158 F°)
4. **External Power:** 12.0v Volts provided via vehicle battery
5. **Dimensions:** 225mm Length 98mm Width 36mm Height

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4. Accessories

1) **User's manual** -- Instructions on tool operations
2) **Extension cable** -- Connects the tool to diagnostic connector.
3) **OBDII connectors** -- Provide power to the tool and communicate between the tool and vehicle.

5. Power

The tool is directly powered up through the vehicle Data Link Connector (DLC) except VOLVO (A/B connectors) which need an external 12V power source. Follow the steps below to turn on the tool:

1) Connect the extension cable to connector and to the tool.
2) Find DLC on vehicle.
A plastic DLC cover may be found for some vehicles and you need to remove it before plugging the OBD2 cable.
3) Plug diagnostic connector to the vehicle's DLC.
4) Turn ignition on.

6. Product Setup

The tool allows you to make the following adjustments and settings:

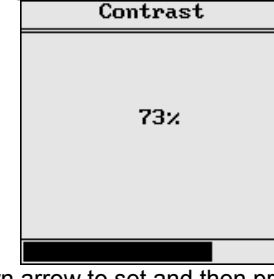
1) Language: Selects desired language. The device supports English by default.
2) Contrast Adjustment: Adjusts the contrast of the LCD display.
3) Display Test: Checks the LCD display is working properly.
4) Keyboard Test: Checks if the the keyboard is working properly.
5) Information: Views software and hardware information of the tool and etc.

6.1 Language

Choose [language] at the main menu. Then press [Enter]. The screen will display as the following

6.2 Contrast Adaptation

Choose [Contrast] at the main menu. Then press [Enter]. The screen will display as the following.



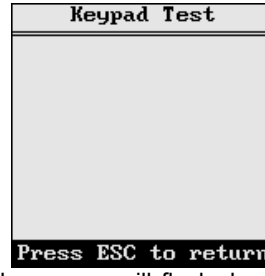
Simply press up/down arrow to set and then press [Enter] to confirm.

6.3 Lcd test

Choose[Lcd Test] at the main menu, Press Enter],The screen will display the following dynamic image.

6.4 Key testing

Choose [Keypad Test] at the main menu. Press [Enter]. The screen will display the following interface.



Press any key then the screen will flash due to corresponding to your cooperation. Double [Esc], you can withdraw from the testing.

6.5 Information

Choose [About] and then press [Enter]. Then screen will display the version of this device.

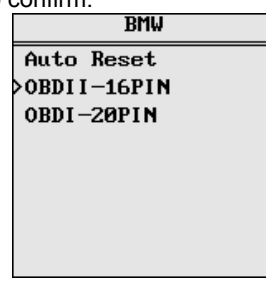
Operation Instructions

IMPORTANT: This section of the manual offers instructions on how to use the tool to reset oil/service light and airbags electronically ONLY. Please power on the unit to view manual reset instructions for those vehicles that need to do the service job manually.
All software screens shown in this manual are examples, actual test screens may vary for each vehicle being tested. Observe the menu titles and onscreen instructions to make correct option selections.

1. Instructions for BMW

1) Turn the ignition off.
2) Locate the vehicle's Data Link Connector (DLC).
3) Plug proper connector to the vehicle's DLC.
4) Turn the ignition on. But do not start the engine.
5) Press the **ENTER** button from home screen.
6) Use **UP/DOWN** scroll button to select **BMW**, and press **ENTER** button to confirm.

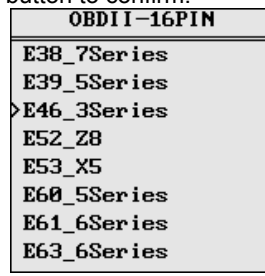
7) Use **UP/DOWN** scroll button to select proper adapter, and press **ENTER** button to confirm.



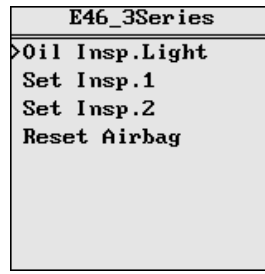
1.1 OBDII-16PIN Connector

BMW vehicles with OBDII connector have more service functions than those with 20 PIN connector. For E38-7 Series, E39-5 Series, E46-3 Series, E52-Z8, E53-X5, E70-X5, E85-Z4, R50-Mini, R52-Mini, R53-Mini and R56-Mini models, please see instructions below to do the service settings.

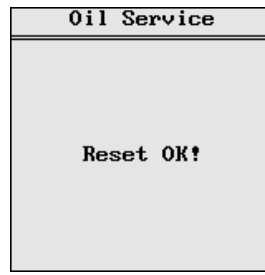
1) Use **UP/DOWN** scroll button to select the vehicle model under test, and press **ENTER** button to confirm.



2) Use **UP/DOWN** scroll button to select function, and press **ENTER** button to confirm.



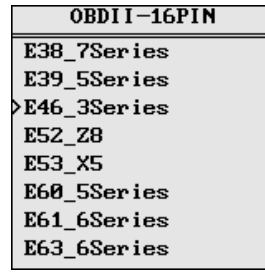
3) Wait a few seconds till a “RESET OK!” message shows on the screen.



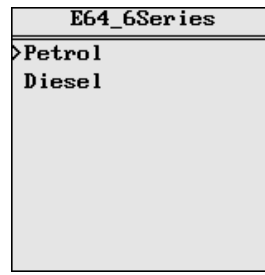
- ***If a “Failed to connectT!” message shows up on the display, please follow on-screen instructions to troubleshoot it.***

For E60-5 Series, E61-5 Series, E63-6 Series, E64-6 Series, E65-7 Series, E83-X3, E86-Z4, E87-1 Series, E90-3 Series, E91-3 Series, E92-3 Series, and E93-3 Series models, please see instructions below to do the service settings.

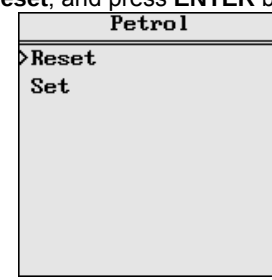
1) Use **UP/DOWN** scroll button to select the vehicle model under test, and press **ENTER** button to confirm.



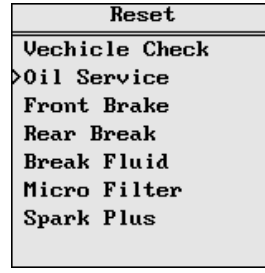
2) Use **UP/DOWN** scroll button to select oil type, and press **ENTER** button to confirm.



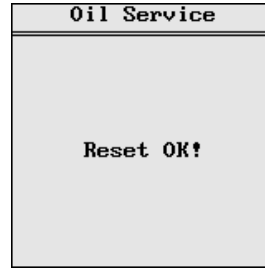
3) If you wish to do the setting automatically, use **UP/DOWN** scroll button to select **Reset**, and press **ENTER** button to confirm.



4) Use **UP/DOWN** scroll button to select function, and press **ENTER** button to confirm.

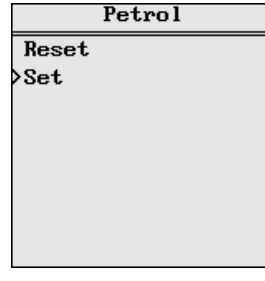


5) Wait a few seconds till a “RESET OK!” message shows on the screen.

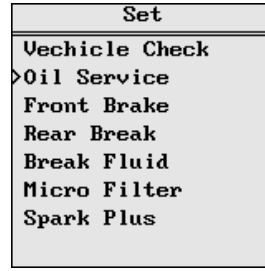


- ***If a “Failed to connectT!” message shows up on the display, please follow on-screen instructions***

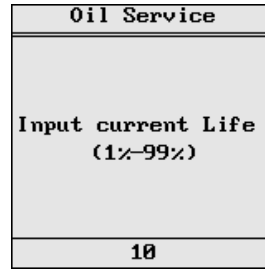
6) If you wish to change the service life percentage manually, use **UP/DOWN** scroll button to select **Set**, and press **ENTER** button to confirm.



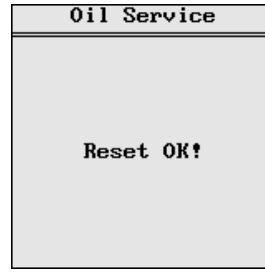
7) Use **UP/DOWN** scroll button to select function, and press **ENTER** button to confirm.



8) Use **UP/DOWN** scroll button to change value and **LEFT/ RIGHT** to move cursor, press **ENTER** button to confirm.



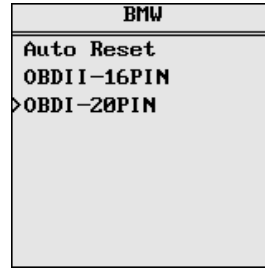
9) Wait a few seconds till a "RESET OK!" message shows on the screen.



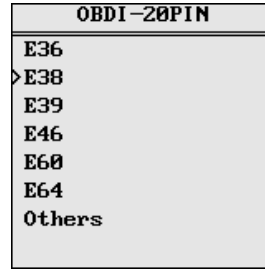
- ***If a "Failed to connectT!" message shows up on the display, please follow on-screen instructions***

1.2 OBDI-20PIN Connector

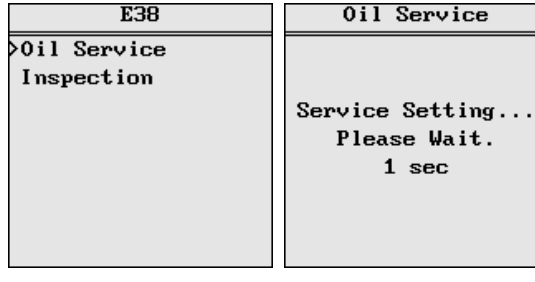
1) Use **UP/DOWN** scroll button to select the vehicle model under test, and press **ENTER** button to confirm.



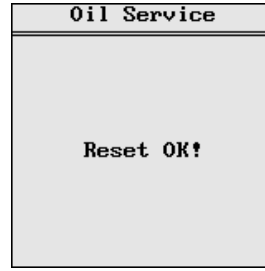
2) Use **UP/DOWN** scroll button to select the vehicle model under test, and press **ENTER** button to confirm.



3) Use **UP/DOWN** scroll button to select function, and press **ENTER** button to confirm.

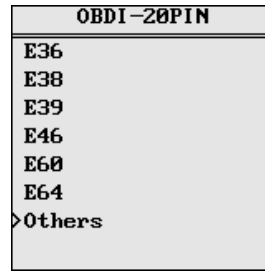


4) Wait a few seconds till a “RESET OK!” message shows on the screen.

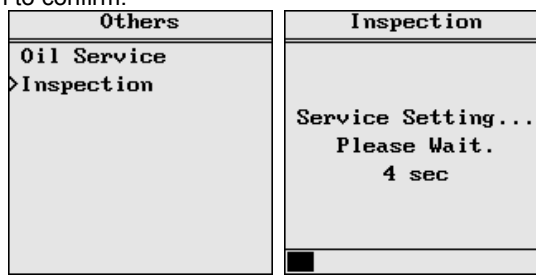


➢ ***If a “Failed to connectT!” message shows up on the display, please follow on-screen instructions***

5) If the vehicle under test is not listed, use **UP/DOWN** scroll button to select **Others**, and press **ENTER** button to confirm.



6) Use **UP/DOWN** scroll button to select a function, and press **ENTER** button to confirm.



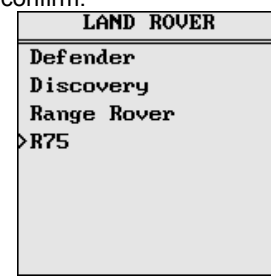
7) Wait a few seconds till a “RESET OK!” message shows on the screen.

- ***If a "Failed to connectT!" message shows up on the display, please follow on-screen instructions***

2. Instructions for Land Rove

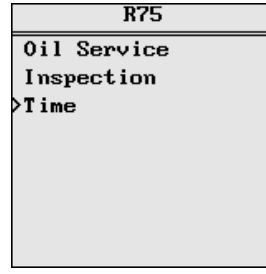
1) Turn the ignition off.
2) Locate the vehicle's Data Link Connector (DLC).
3) Plug proper connector to the vehicle's DLC.
4) Turn the ignition on. But do not start the engine.
5) Press the **ENTER** button from home screen.
6) Use **UP/DOWN** scroll button to select **Land Rover**, and press **ENTER** button to confirm.

7) Use **UP/DOWN** scroll button to select vehicle model, and press **ENTER** button to confirm.



- ***ONLY R75 needs to do oil service and inspection work with this tool.***

8) Use **UP/DOWN** scroll button to select a function, and press **ENTER** button to confirm.



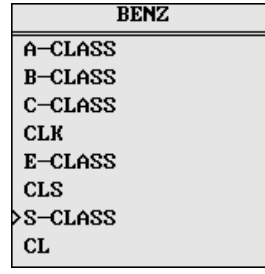
9) Wait a few seconds till a "RESET OK!" message shows on the screen.

- ***If a "Failed to connectT!" message shows up on the display, please follow on-screen instructionsInstructions for Mercedes***

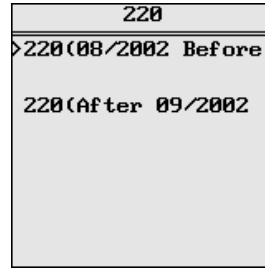
3. Instructions for Mercedes

1) Turn the ignition off.
2) Locate the vehicle's Data Link Connector (DLC).
3) Plug proper connector to the vehicle's DLC.
4) Turn the ignition on. But do not start the engine.
5) Press the **ENTER** button from home screen.
6) Use **UP/DOWN** scroll button to select **Mercedes**, and press **ENTER** button to confirm.

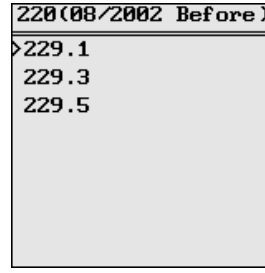
7) Observe the menu title and use **UP/DOWN** scroll button to do a series of menu selections to identify the vehicle under test, and press **ENTER** button to confirm.



8) Observe the menu title and use **UP/DOWN** scroll button to do a chassis of menu selections to identify the vehicle under test, and press **ENTER** button to confirm.

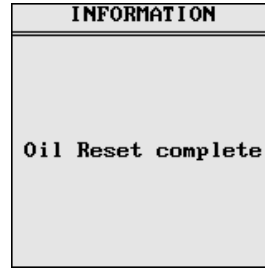


9) Observe the menu title and use **UP/DOWN** scroll button to select the standard of engine oil that you have changed, and press **ENTER** button to confirm.



- ***For 171, 164, 251, 164, 202, 201, 208, 210, 140, 129, 461, 211 the standard of engine oil Only 229.1/229.3 and 229.5***

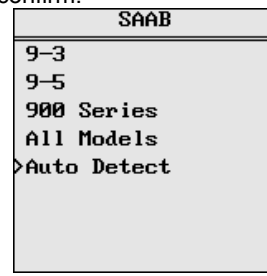
10) Wait a few seconds till a “Oil Reset complete” message shows on the screen.



4. Instructions for Saab

1) Turn the ignition off.
2) Locate the vehicle’s Data Link Connector (DLC).
3) Plug proper connector to the vehicle’s DLC.
4) Turn the ignition on. But do not start the engine.
5) Press the **ENTER** button from home screen.
6) Use **UP/DOWN** scroll button to select **Saab**, and press **ENTER** button to confirm.

7) Use **UP/DOWN** scroll button to select **Auto Detect** to detect vehicle that need to use this device to perform service setting, and press **ENTER** button to confirm.



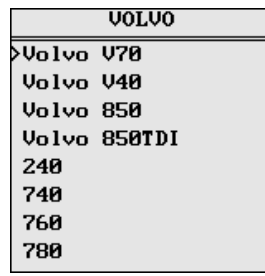
8) Wait a few seconds till a “RESET OK!” message shows on the screen.

➢ ***If a “Failed to connectT!” message shows up on the display, please follow on-screen instructions***

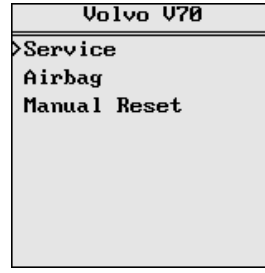
5. Instructions for Volvo

1) Turn the ignition off.
2) Locate the vehicle’s Data Link Connector (DLC).
3) Plug proper connector to the vehicle’s DLC.
4) Turn the ignition on. But do not start the engine.
5) Press the **ENTER** button from home screen.
6) Use **UP/DOWN** scroll button to select **Volvo**, and press **ENTER** button to confirm.

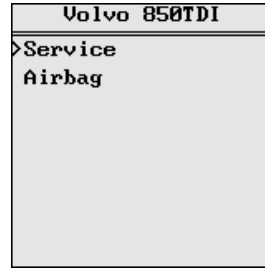
7) Use **UP/DOWN** scroll button to select a vehicle you wish to work with, and press **ENTER** button to confirm.



8) Use **UP/DOWN** button to select a function and press **ENTER** button to confirm.



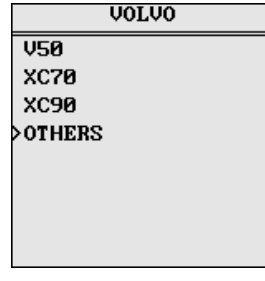
- ***For vehicles that can not be reset manually, the screen shows as follows:***



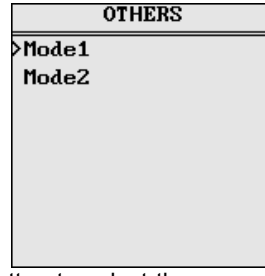
9) Wait a few seconds till a "RESET OK!" message shows on the screen.

- ***If a "Failed to connectT!" message shows up on the display, please follow on-screen instructions***

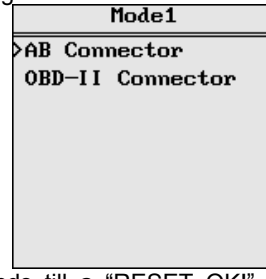
10) If your vehicle is not listed in the menu, please select **Others**.



11) Use **UP/DOWN** button to select a mode and press **ENTER** button to confirm.



12) Use **UP/DOWN** button to select the connector your vehicle uses to start service setting.



13) Wait a few seconds till a “RESET OK!” message shows on the screen.

➢ ***If a “Failed to connectT!” message shows up on the display, please follow on-screen instructions***

Function List

Manufacturer	Model/ Year	Functions
BMW	E38-7 Series (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E39-5 Series (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E46-3 Series (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E52-Z8 (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E53-X5 (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E60-5 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E61-5 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E63-6 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E64-6 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E65-7 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E70-X5 (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E80-X3 (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E85-Z4 (OBDII)	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	E86-Z4 (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E87-1 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E90-3 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E91-3 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E92-3 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	E93-3 Series (OBDII)	● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
BMW	R50-Mini	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	R52-Mini	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	R53-Mini	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BMW	R56-Mini	● Reset Oil Service Light ● Set Inspection Mileage ● Time
BENZ	OBDII DLC	Oil Service
Land Rover	R75	● Reset Oil Service Light ● Set Inspection Mileage ● Time

Volvo	V70 1998	● Reset Oil Service Light ● Reset Airbag

Manufacturer	Model	Functions
VW/AUDI/SEAT/SKODA	Bosch 1281 protocol	● Reset Oil Service Light ● Reset Airbag
VW/AUDI/SEAT/SKODA	KWP2000 Protocol	● Reset Oil Service Light
VW/AUDI/SEAT/SKODA	CAN Protocol	● Reset Oil Service Light